

**SYNONYMIC NOTES ON *MACROCONDYLA* (*MACROCONDYLA*)  
*FLAVINERVIS* (MACQUART), 1846 (DIPTERA: BOMBYLIIDAE:  
LOMATIINAE)**

CARLOS JOSÉ EINICKER LAMAS AND MÁRCIA SOUTO COURI

Departamento de Entomologia, Museu Nacional, 20.940-040, São Cristóvão, Rio de Janeiro, RJ, Brazil.

---

*Abstract.*—Based on study of type specimens, *Ulosometa falcata* Hull, 1973 is a **new junior synonym** of *Macrocondyla* (*Macrocondyla*) *flavinervis* (Macquart), 1846, and *Ulosometa* Hull, 1973 is a **new junior synonym** of *Macrocondyla* Rondani, 1863. Notes and illustrations of the types are presented.

*Key Words:* Diptera, Bombyliidae, Lomatiinae, synonymic notes, Taxonomy

---

*Macrocondyla* (*Macrocondyla*) *flavinervis* was originally described by Macquart (1846:109) as *Exoprosopa flavinervis*, based on a specimen from Colombia. According to Painter and Painter (1974:102), four specimens from Bigot's collection, deposited at The Natural History Museum, London, U.K. constitute the type series, from which they chose a lectotype. A detailed description of this material with a wing illustration and comments was presented by them.

Our examination of the lectotype and three paralectotypes of *M. (M.) flavinervis* from Bigot's collection, and comparison of these with the type material of *Ulosometa falcata* Hull, 1973, showed that they are conspecific with *M. (M.) flavinervis*. *Ulosometa falcata* is the only known species included in *Ulosometa*, a genus erected by Hull (1973:359–361) who stated that "these flies are related to *Ylasoia* Speiser, 1920 and possibly to *Oncodosia* Edwards, 1934 but differ in the wing venation."

As stated by Evenhuis (1991:49), there is no reason for Hall's (1973:149) treatment of *Lyophlaeba* as a valid genus instead of *Macrocondyla*, based on page priority. The

action to follow is from the first reviser (Edwards 1934:103), in which *Macrocondyla* is the genus with two recognized subgenera: *Macrocondyla* s.str. and *Lyophlaeba* Rondani, 1863. Because of the specific level synonymy noted below, *Ulosometa* Hull, 1973 = *Macrocondyla* Rondani, 1863, **new synonymy**.

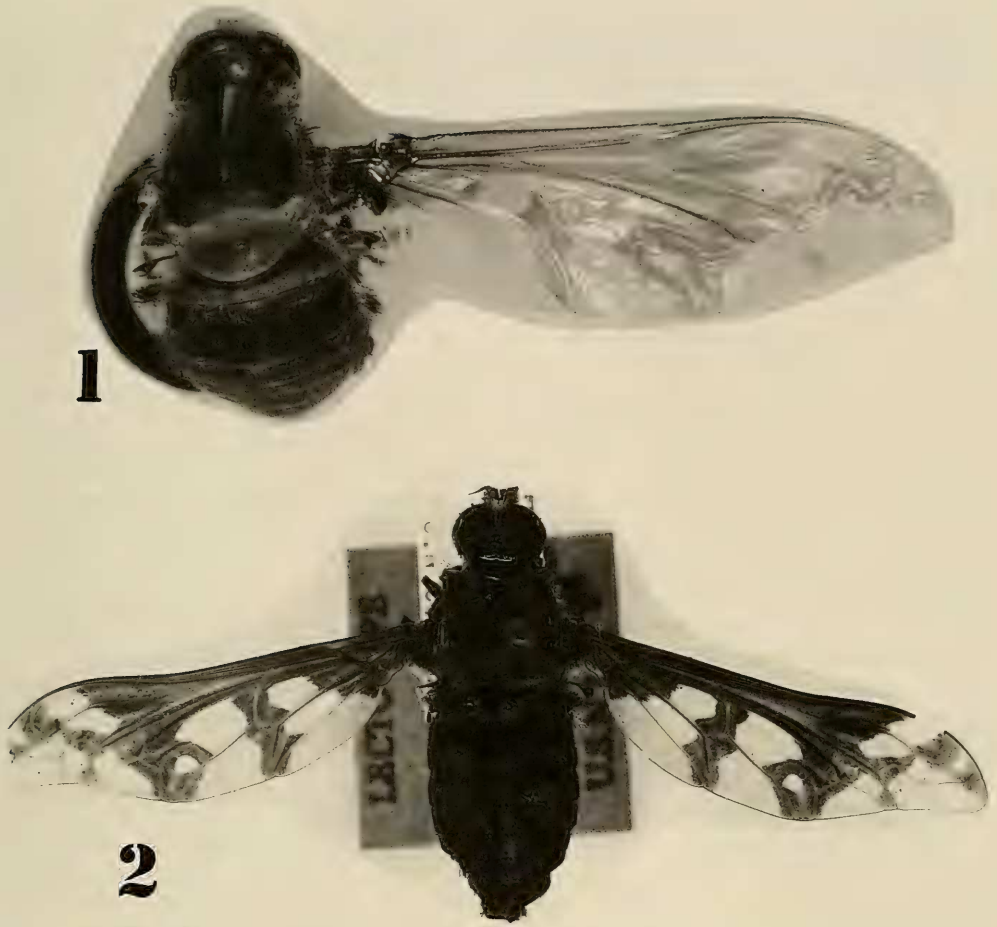
***Macrocondyla* (*Macrocondyla*) *flavinervis*  
(Macquart), NEW COMBINATION**

*Exoprosopa flavinervis* Macquart, 1846: 237.—Painter and Painter 1974: 101–105.

*Lyophlaeba* (*Macrocondyla*) *flavinervis*: Painter and Painter 1974: 101–105.—Painter et. al. 1978: 28.

*Ulosometa falcata* Hull 1973:359–361.—Painter et al. 1978: 29, **new synonym**.

Type material.—*Macrocondyla* (*M.*) *flavinervis*: Lectotype. (Fig. 1) Female: Lectotype [white round label with dark blue margin]. Colombia. Colombia/ Coll. Fairmaire/ Ex. Bigot coll./ BM 1960-539. ex. = *Ylasoia* ?/ *flavinervis*/ Lectotype Mq./ 1960 det. R. H. Painter. *Exoprosopa*/ *flavinervis*/ Macq. N.sp. ♂ ♀ [glued on a larger label with the following data] Bresilia - Minas



Figs. 1–2. 1, Lectotype of *Macrocondyla (Macrocondyla) flavinervis*. 2, Paratype of *Ulosometa falcata*.

Gerais-nomm. par Macq.. Lectotype/ *Exoprosopa/ flavinervis* Macquart/ Det. J. E. Chainey, 1988. Deposited in The Natural History Museum, London, U.K. The specimen lacks the antennal flagellae, left wing, right front leg and both hind legs.

Specimens examined.—*Macrocondyla (M.) flavinervis*. Paralectotypes. Males: [All with the same labels]. Paralectotype [white round label with light blue margin]. Cotype [white circle label with yellow margin]. Colombia/ Coll. Fairmaire/ Ex Bigot coll./ BM 1960-539. Paralectotype/ *Exoprosopa/ flavinervis* Macquart/ Det. J. E. Chainey, 1988. Deposited in The Natural History Museum, London, U.K. One of them lacks all legs except the left foreleg, the antennae and

right part of the head; another specimen lacks the head the other lacks the antennal flagellae.

*Ulosometa falcata*.—Holotype. Male: Tucuman/ V-7-1918. E. W. Rust,/ Collector. Est. Exp./ Agric./ n° 1686. Paralecto-/ type/ *Ulosometa/ falcata/ Hull 1973* [red label]. Det./ N. Evenhuis/ 1991. [on the other side of the red label]. Deposited in United States National Museum. The specimen lacks the right antennal flagellum, and the left pedicel and flagellum. Right wing inside a plastic capsule and genital segments in glycerin in microvial.

Paratype (Fig. 2). Male: Tucuman/ V-7-1918. Frank M. Hull / Collection / C.N.C. 1981. Lectotype [red label] / *Ulosometa /*

*falcata* / Hull 1973 / U.S.N.M.. Det / N. Evenhuis / 1991, [on the other side of the red label]. Deposited in United States National Museum. The specimen lacks the right flagellum and the hind pair of legs. The left wing is broken at its tip near the apex of marginal cell. There is also a cut in the axillary cell.

Other material examined.—ARGENTINA: Tucumán, 3 ♀, 07.May.1918, E. W. Rust (USNM). BRASIL: Minas Gerais: Poços de Caldas, Morro do Ferro, 1 ♀ and 1 ♂, 27.Jan.1965, 1 ♀, 30.Mar.1964, J. Becker, O. Roppa and O. Leoncini. (MNRJ); 1 ♂, 30.Apr.1966, O. Roppa and O. Leoncini. (MNRJ); 1 ♂, 22.Mar.1966, O. Roppa. (MNRJ).

Discussion.—Although Hull (1973:355) and Hall (1975:133) stated that all *Lyophlaeba* (here treated as *Macrocondyla*) have the metapleuron with tufts of pile, all material we have seen has the metapleuron bare. Since other characters like, “tuft of bristly hairs on the lower posterior corner of the pteropleuron,” and “3 submarginal cells” (used in Hull’s, 1973:306, generic key) are also present in the examined specimens, we see no reason to treat them as distinct species.

#### ACKNOWLEDGMENTS

We are grateful to Dr. Neal Evenhuis (Bishop Museum, Honolulu) for the loan of

type material of *U. falcata* and reviewing the manuscript, to Dr. J. Chainey (The Natural History Museum, London) for the loan of the type series of *M. (M). flavinervis*, and also to Dr. S. Fragoso (Embrapa, Rio de Janeiro) for the photographs.

#### LITERATURE CITED

- Edwards, F. W. 1934. On the genus *Comptosia* and its allies (Bombyliidae). *Encyclopedie Entomologique. Serie B. Mémoires et Notes. II. Diptera. 7: 81–112.*
- Evenhuis, N. L. 1991. World catalog of genus-group names of bee flies (Diptera: Bombyliidae), pp. 1–105. *In* Bishop Museum Bulletins in Entomology 5.
- Hall, J. C. 1973. New Argentine *Lyophlaeba* (Diptera: Bombyliidae). *Entomological News* 84: 149–56.
- . 1975. The Bombyliidae of Chile. *University of California Publications in Entomology* 76: 1–278.
- Hull, F. M. 1973. Beeflies of the world. The genera of the family Bombyliidae. *United States National Museum Bulletin* 286: 1–687.
- Macquart, P. J. M. 1846. *Diptères exotiques nouveaux ou peu connus. [Ier] Supplement. Mémoires de la Société des Sciences, de l’Agriculture et des Artes de Lille* 1844: 133–364.
- Painter, R. H. and E. M. Painter. 1974. Notes and redescrptions of types of South American Bombyliidae (Diptera) in European and United States museums. *Research Publications of the Kansas Agricultural Experiment Station* 168: 1–322.
- Painter, R. H., & E. M. Painter, and J. Hall. 1978. Family Bombyliidae. *In* A Catalogue of Diptera of the Americas South of the United States 38. 92 pp. *Museu de Zoologia, Universidade de São Paulo.*